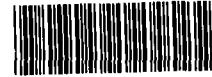


H. Haslee



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SAIC Engineering, Inc.

A Subsidiary of Science Applications International Corporation

An Employee-Owned Company

June 2, 1994

801.940509.021
01-0801-05-0051-002

U.S. Environmental Protection Agency
Region 1
John F. Kennedy Building
Boston, MA 02203



Attention: Mr. Frank Ciavattieri

Reference: Aerovox Site Post-Closure Monitoring, March 26, 28, 1994

Dear Mr. Ciavattieri:

Enclosed are the results of the water level monitoring and cap inspection conducted at the Aerovox site by SAIC Engineering, Inc. during the March 1994 full moon period. The next inspection and round of water level readings are scheduled for the September 1994 full moon period. Please call if you have any questions.

Sincerely,

SAIC ENGINEERING, INC.

Allen F. Davis, P.E.
Project Manager

**Produced For The
12/96 AVX FOIA Request
New Bedford Harbor
Superfund Site**

AFD/sls

Enclosures

cc: G. Monte, DEP/SERO
P. Galvani, Ropes & Gray
P. Szwaja, Aerovox

Superfund Records Center
SITE: Aerovox
PAGE: 84
OTHER: _____

**Document produced to AVX in
response to July 31, 2006 inquiry**

**POST-CLOSURE MONITORING REPORT
AEROVOX, INC., NEW BEDFORD, MASSACHUSETTS**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this inspection report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Peter Szwaja

May 31, 1994
Date

Peter Szwaja
Signature

Environmental Control Engineer
Official Title

LIST OF ATTACHMENTS

Tables 1A and 1B Dated: 3/26/94
Tables 2A and 2B Dated: 3/27/94
Tables 3A and 3B Dated: 3/28/94

Cap Inspection Report

TABLE 1A**WATER LEVEL READINGS****AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High

Time of Tide: 0638

Date: March 26, 1994

Time of Readings: 0620 - 0633

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 116 MONTHS (4)
Tide Gauge	4.76		1.98	2.78		
Well No. 2	6.92		4.31	2.61		
Well No. 2A	6.67	2.62	3.40	3.27	0.65	1.51 - 4.00
Well No. 3	6.95		4.46	2.49		
Well No. 3A	8.26	1.86	5.57	2.69	0.83	0.78 - 3.31
Well No. 4	10.99		8.32	2.67		
Well No. 4A	10.78	2.28	7.43	3.35	1.07	1.60 - 3.88
Well No. 7	7.59		4.75	2.84		
Well No. 7A	7.33	2.60	4.32	3.01	0.41	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Clear

Readings by: Cortland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts, 02347

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1994.

TABLE 1B**WATER LEVEL READINGS****AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: Low

Time of Tide: 1215

Date: March 26, 1994

Time of Readings: 1205 - 1214

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 116 MONTHS (4)
Tide Gauge	4.76		Dry	--		
Well No. 2	6.92		5.14	1.78		
Well No. 2A	6.67	2.62	3.40	3.27	0.65	1.51 - 4.00
Well No. 3	6.95		5.31	1.64		
Well No. 3A	8.26	1.86	(5)	(5)	(5)	0.78 - 3.31
Well No. 4	10.99		9.92	1.07		
Well No. 4A	10.78	2.28	7.46	3.32	1.04	1.60 - 3.88
Well No. 7	7.59		6.76	0.83		
Well No. 7A	7.33	2.60	4.34	2.99	0.39	2.38 - 3.40

NOTES:

Weather: 50 degrees F, Clear

Readings by: Cortland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts, 02347

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1994.
- (5) Anomalous reading; to be rechecked in Fall 1994. Not included in long term record.

TABLE 2A**WATER LEVEL READINGS****AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High

Time of Tide: 0726

Date: March 27, 1994

Time of Readings: 0800 - 0830

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 116 MONTHS (4)
Tide Gauge	4.76		1.67	3.09		
Well No. 2	6.92		4.22	2.70		
Well No. 2A	6.67	2.62	3.41	3.26	0.64	1.51 - 4.00
Well No. 3	6.95		4.37	2.58		
Well No. 3A	8.26	1.86	5.70	2.56	0.70	0.78 - 3.31
Well No. 4	10.99		8.18	2.81		
Well No. 4A	10.78	2.28	7.51	3.27	0.99	1.60 - 3.88
Well No. 7	7.59		4.60	2.99		
Well No. 7A	7.33	2.60	4.35	2.98	0.38	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Cloudy

Readings by: Cortland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts, 02347

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1994.

TABLE 2B**WATER LEVEL READINGS****AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: Low

Time of Tide: 1302

Date: March 27, 1994

Time of Readings: 1340 - 1342

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 116 MONTHS (4)
Tide Gauge	4.76		Dry	--		
Well No. 2	6.92		5.12	1.80		
Well No. 2A	6.67	2.62	3.27	3.40	0.78	1.51 - 4.00
Well No. 3	6.95		NR*			
Well No. 3A	8.26	1.86	NR*			0.78 - 3.31
Well No. 4	10.99		NR*			
Well No. 4A	10.78	2.28	NR*			1.60 - 3.88
Well No. 7	7.59		NR*			
Well No. 7A	7.33	2.60	NR*			2.38 - 3.40

NOTES:

Weather: 40 degrees F, Rain

Readings by: Cortland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts, 02347

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1994.
- (*) NR = No Reading. Access to wells in secured area of site not available during low tide on Sunday March 27, 1994. See March 26 and March 28 low tide readings.

TABLE 3A**WATER LEVEL READINGS****AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High

Time of Tide: 0815

Date: March 28, 1994

Time of Readings: 080 - 0820

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 116 MONTHS (4)
Tide Gauge	4.76		1.67	3.09		
Well No. 2	6.92		4.00	2.92		
Well No. 2A	6.67	2.62	3.01	3.66	1.04	1.51 - 4.00
Well No. 3	6.95		4.21	2.74		
Well No. 3A	8.26	1.86	5.50	2.76	0.90	0.78 - 3.31
Well No. 4	10.99		8.00	2.99		
Well No. 4A	10.78	2.28	7.18	3.60	1.32	1.60 - 3.88
Well No. 7	7.59		4.56	3.03		
Well No. 7A	7.33	2.60	4.26	3.07	0.47	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Drizzle

Readings by: Cortland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts, 02347

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1994.

TABLE 3B**WATER LEVEL READINGS****AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: Low

Time of Tide: 1349

Date: March 28, 1994

Time of Readings: 1338 - 1355

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 116 MONTHS (4)
Tide Gauge	4.76		Dry	--		
Well No. 2	6.92		5.14	1.78		
Well No. 2A	6.67	2.62	3.14	3.53	0.91	1.51 - 4.00
Well No. 3	6.95		5.18	1.77		
Well No. 3A	8.26	1.86	5.48	2.78	0.92	0.78 - 3.31
Well No. 4	10.99		9.79	1.20		
Well No. 4A	10.78	2.28	7.12	3.66	1.38	1.60 - 3.88
Well No. 7	7.59		6.62	0.97		
Well No. 7A	7.33	2.60	4.23	3.10	0.50	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Drizzle

Readings by: Cortland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts, 02347

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March 1994.

SHEET PILING/CAP INSPECTION REPORT - MARCH 1994

AEROVOX PLANT SITE NEW BEDFORD, MASSACHUSETTS

Page 1 of 2

		Check if any listed defect is observed					
		CRACKS OR GAPS	FLAKING OF SPALLING	FROST HEAVES	DEPRESSION OR SETTLEMENT	OTHER	
A.	8-foot wide strip adjacent to north trough						
	1. Surface						
	2. Joints						
B.	Directly behind plant						
	1. Surface						
	2. Joints						
	• along building						
	• around cooling tower						
	• around well casings						Some minor cracking
	• along steel pilings						
	• around fence posts						
C.	Remining area on either side of old pump house.						
	1. Surface						
	2. Joints						
	• around well casings						
	• around fence post						
	• along steel pilings						

SHEET PILING/CAP INSPECTION REPORT - MARCH 1994

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Page 2 of 2

	Check if any listed defect is observed					
	CRACKS OR GAPS	FLAKING OF SPALLING	FROST HEAVES	DEPRESSION OR SETTLEMENT	OTHER	
D. South drainage trough extension (concrete pipe)						
1. Surface						
2. Joints						

Inspected by: Courtland Ridings

Affiliation: SAIC Engineering, Inc., 10 Riverside Drive, Lakeville, Massachusetts 02347

NOTE: Extensive joint sealing and sealing along sheet piling has been completed since last inspection. No major problems were identified. Joints between concrete trough and asphalt paving, south of fence directly behind plant, should be resealed.